IN THE CLAIMS:

Please cancel Claims 23-42 after adding the following new claims:

43. A device for at least partially occluding a vascular segment, comprising:

a tubular member having a proximal end portion and a distal end portion and a lumen extending therethrough;

an expandable member at the distal end portion of the tubular member; and

an elongate member having a proximal end portion and a distal end portion, wherein the distal end portion is connected to the expandable member, and the elongate member extends longitudinally within the lumen of the tubular member, the elongate member being longitudinally and rotationally moveable between a first position wherein the expandable member is in a collapsed configuration, and a second position wherein the expandable member is in an expanded configuration, and wherein the elongate member moves longitudinally and rotationally as the expandable member moves from its collapsed configuration to its expanded configuration.

44. The device of Claim 43, wherein the expandable member is locked in its expanded configuration.

45. The device of Claim 44, wherein the elongate member rotates to position the expandable member in its locked, expanded configuration.

46. The device of Claim 44, wherein the elongate member rotates approximately 90 degrees to position the expandable member in its locked, expanded configuration.

47. The device of Claim 45, wherein rotation of the elongate member causes a portion connected to the elongate member to engage a portion connected to the tubular member.

48. The device of Claim 44, wherein the expandable member has a proximal end connected to the tubular member and a distal end connected to the elongate member.

49. The device of Claim 44, further comprising a material that adjoins said expandable member for creating a seal with the vascular segment.

50. The device of Claim 49, wherein said material does not completely encapsulate said expandable member.

51. The device of Claim 44, wherein said expandable member comprises a member selected from the group consisting of a braid, a coil, a ribbon-like structure, a slotted tube, a plurality of ribs and a filter-like mesh.

52. The device of Claim 44, wherein said expandable member expands as said elongate member is retracted.

53. The device of Claim 44, wherein said expandable member occludes the blood vessel when said expandable member contacts the vascular segment.

54. The device of Claim 44, wherein said expandable member has holes therein to allow for the perfusion of blood when said expandable member is expanded.

55. A device for at least partially occluding a vascular segment, comprising:

a tubular member having a proximal end portion and a distal end portion and a lumen extending therethrough;

an expandable member at the distal end portion of the tubular member;

B3

an elongate member having a proximal end portion and a distal end portion, wherein the distal end portion is connected to the expandable member, and the elongate member extends longitudinally within the lumen of the tubular member, the elongate member being longitudinally moveable between a first position wherein the expandable member is in a collapsed configuration, and a second position wherein the expandable member is in an expanded configuration; and

a handle connected to the elongate member positioned outside of the lumen of the tubular member having a cross-sectional profile in at least one dimension that is larger than a cross-sectional dimension of the lumen, but that does not extend radially substantially beyond an outer surface of said tubular member.

56. The device of Claim 55, wherein the elongate member has a diameter of about 0.006 to 0.008 inches.

57. The device of Claim 55, wherein the handle has a cross-sectional profile in one transverse dimension that equals a diameter of the outer surface of said tubular body.

58. The device of Claim 55, further comprising a material that adjoins said expandable member for creating a seal with the vascular segment.